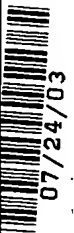

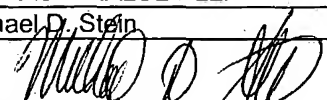


UTILITY PATENT APPLICATION TRANSMITTAL <i>(Only for original applications)</i>	Attorney Docket No. 1293.1781 First Named Inventor or Application Identifier: Hwan-guem KIM et al. Express Mail Label No. ADDRESS TO: Commissioner for Patents Box Patent Application PO Box 1450 Alexandria, VA 22313-1450
APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i>	17352 U.S. PTO 10/625900  07/24/03
1. <input checked="" type="checkbox"/> Fee Transmittal Form 2. <input checked="" type="checkbox"/> Specification, Claims & Abstract[Total Pages: <u>12</u>] 3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113)[Total Sheets: <u>6</u>] [FIGS. <u>1-2, 3-4, 5A-5B, 6A-6B, 7, and 8-9</u>] 4. <input type="checkbox"/> Oath or Declaration[Total Pages: <u> </u>] a. <input type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). 5. <input type="checkbox"/> Verified Statement Claiming Small Entity Status 6. <input type="checkbox"/> Application Data Sheet. See 37 C.F.R. 1.76 7. <input checked="" type="checkbox"/> Applicant claims foreign priority benefit to: <u>Korean Application No. 2002-51486 filed August 29, 2002</u> 8. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (Appendix) 9. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statement verifying identity of above copies 10. <input checked="" type="checkbox"/> For publication of assignee information under 37 CFR 1.215(b), list the assignee as SAMSUNG Electronics Co., Ltd. of Suwon-city, Republic of Korea. The Assignment papers will be filed later.	
ACCOMPANYING APPLICATION PARTS 11. <input type="checkbox"/> Assignment (cover sheet & document(s)) to SAMSUNG Electronics Co., Ltd. of Suwon-city, Republic of Korea <input type="checkbox"/> for publication of assignee information under 37 CFR 1.215(b) 12. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney 13. <input type="checkbox"/> English Translation Document (if applicable) 14. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 15. <input type="checkbox"/> Preliminary Amendment 16. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 17. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 18. <input type="checkbox"/> Request and Certification for Nonpublication under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent 19. <input type="checkbox"/> Other:	
20. CORRESPONDENCE ADDRESS <div style="text-align: center;">  21171 PATENT TRADEMARK OFFICE </div>	

NEW APPLICATION FEE TRANSMITTAL		Attorney Docket No.	1293.1781
		Application Number	TO BE ASSIGNED
		Filing Date	July 24, 2003
AMOUNT ENCLOSED \$ 0.00		First Named Inventor	Hwan-guem KIM et al.
FEE CALCULATION (fees effective 10/01/01)			
CLAIMS	(1) FOR	(2) NUMBER FILED	(3) NUMBER EXTRA
	(4) RATE	(5) CALCULATIONS	
TOTAL CLAIMS	6	- 20 =	0
INDEPENDENT CLAIMS	1	- 3 =	0
MULTIPLE DEPENDENT CLAIMS (any number; if applicable)		+ \$280.00 =	
		BASIC FILING FEE	750.00
		Total of above Calculations =	\$ 750.00
Surcharge for late filing fee, Oath or Declaration (37 CFR 1.53(f)) (\$130.00)			
Reduction by 50% for filing by small entity (37 CFR 1.27).			
		TOTAL FILING FEE =	\$ 750.00
Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d))			
Recordation of Assignment (\$40.00; 37 CFR 1.21(h))			
		TOTAL FEES DUE =	\$ 750.00
METHOD OF PAYMENT			
<input type="checkbox"/> Check enclosed as payment. <input type="checkbox"/> Charge "TOTAL FEES DUE" to the Deposit Account No. below. <input checked="" type="checkbox"/> No payment is enclosed and no charges to the Deposit Account are authorized at this time (unless specifically required to obtain a filing date).			
GENERAL AUTHORIZATION			
<input type="checkbox"/> If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to: <div style="margin-left: 100px;"> Deposit Account No. 19-3935 Deposit Account Name STAAS & HALSEY LLP </div>			
<input type="checkbox"/> The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(d)) to maintain pendency hereof or of any such related application.			
SUBMITTED BY: STAAS & HALSEY LLP			
Typed Name	Michael D. Stein	Reg. No.	37,240
Signature		Date	July 24, 2003